

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/215,163A
Source: 1FW16
Date Processed by STIC: 2/28/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 02/28/2005

PATENT APPLICATION: US/09/215,163A

TIME: 15:32:59

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\02282005\I215163A.raw

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4 <110> APPLICANT: Stinson, Jeffrey R.
5   Wong, Hing
6   O' Brien, Alison D.
7   Schmitt, Clare K.
8   Melton-Celsa, Angela
11 <120> TITLE OF INVENTION: Humanized Monoclonal Antibodies That
12   Protect Against Shiga Toxin Induced Disease
15 <130> FILE REFERENCE: 50111/043002
17 <140> CURRENT APPLICATION NUMBER: 09/215,163A
18 <141> CURRENT FILING DATE: 1998-12-18
20 <150> PRIOR APPLICATION NUMBER: 60/068,635
21 <151> PRIOR FILING DATE: 1997-12-23
23 <160> NUMBER OF SEQ ID NOS: 44
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 45
29 <212> TYPE: DNA
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: Synthetic Oligonucleotide
35 <400> SEQUENCE: 1
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38 <210> SEQ ID NO: 2
39 <211> LENGTH: 45
40 <212> TYPE: DNA
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Synthetic Oligonucleotide
46 <400> SEQUENCE: 2
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49 <210> SEQ ID NO: 3
50 <211> LENGTH: 45
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Synthetic Oligonucleotide
57 <400> SEQUENCE: 3
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60 <210> SEQ ID NO: 4
61 <211> LENGTH: 45
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:

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66 <223> OTHER INFORMATION: Synthetic Oligonucleotide
68 <400> SEQUENCE: 4
69 atttcaggcc cagccggcca tggccgargt rmagctksak gagwc 45
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 45
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Synthetic Oligonucleotide
79 <400> SEQUENCE: 5
80 atttcaggcc cagccggcca tggcccaggt bcarctkmar sartc 45
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 20
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Synthetic Oligonucleotide
90 <400> SEQUENCE: 6
91 gaartavccc ttgaccaggc 20
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 35
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Synthetic Oligonucleotide
101 <400> SEQUENCE: 7
102 ggaggcggcg gttctgacat tgtgmtgwcm cartc 35
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 35
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Synthetic Oligonucleotide
112 <400> SEQUENCE: 8
113 ggaggcggcg gttctgatrt tkygatgacb carrc 35
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 35
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Synthetic Oligonucleotide
123 <400> SEQUENCE: 9
124 ggaggcggcg gttctgayat ymagatgacm cagwc 35
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127 <211> LENGTH: 35
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Synthetic Oligonucleotide

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134 <400> SEQUENCE: 10
135 ggaggcggcg gttctsaaat tgwktsacy cagtc 35
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140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Synthetic Oligonucleotide
145 <400> SEQUENCE: 11
146 ttcataggcg gccgcactag tagcmcgttt cagytccarc 40
148 <210> SEQ ID NO: 12
149 <211> LENGTH: 40
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Synthetic Oligonucleotide
156 <400> SEQUENCE: 12
157 ttcataggcg gccgcactag tagcmcgttt katytccarc 40
159 <210> SEQ ID NO: 13
160 <211> LENGTH: 23
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Synthetic Oligonucleotide
167 <400> SEQUENCE: 13
168 gcacctccag atgttaactg ctc 23
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171 <211> LENGTH: 49
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Synthetic Oligonucleotide
178 <400> SEQUENCE: 14
179 cttgatcgcg acagctacag gtgtccactc ccaggtgcag ctgcaggag 49
181 <210> SEQ ID NO: 15
182 <211> LENGTH: 36
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Synthetic Oligonucleotide
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190 ggtatggaat tctgaggaga ctgtgagagt ggtgcc 36
192 <210> SEQ ID NO: 16
193 <211> LENGTH: 36
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
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204 <211> LENGTH: 42
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208 <220> FEATURE:
209 <223> OTHER INFORMATION: Synthetic Oligonucleotide
211 <400> SEQUENCE: 17
212 gacatattcg aaaagtgtac ttacgtttca gctccagact gg 42
214 <210> SEQ ID NO: 18
215 <211> LENGTH: 366
216 <212> TYPE: DNA
217 <213> ORGANISM: Shigella dysenteriae
219 <400> SEQUENCE: 18
220 caggtgcagc tgcaggagtc tggggctgag ctgggtgaggt ctggggcctc agtgaggatg 60
221 tcctgcaagg cttctggcta cacatttacc agttacaata tgcactgggt aaaacagaca 120
222 cctggacagg gcctggaatg gattggatat atttacctg gaaatgggtg tactaactac 180
223 attcagaaat ttaagggcaa ggccatattg actgcagaca catcctccag cacagcctac 240
224 atgcagatca gcagtctgac atctgaagac tctgcggtct atttctgtac aagaagtccc 300
225 tctcactaca gtagtgaccc ctactttgac tactggggcc agggcaccac tctcacagtc 360
226 tcctca 366
228 <210> SEQ ID NO: 19
229 <211> LENGTH: 122
230 <212> TYPE: PRT
231 <213> ORGANISM: Shigella dysenteriae
233 <400> SEQUENCE: 19
234 Gln Val Gln Leu Gln Glu Ser Gly Ala Glu Leu Val Arg Ser Gly Ala
235 1 5 10 15
236 Ser Val Arg Met Ser Cys Asp Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
237 20 25 30
238 Asn Met His Trp Val Lys Gln Thr Pro Gly Gln Gly Leu Glu Trp Ile
239 35 40 45
240 Gly Tyr Ile Tyr Pro Gly Asn Gly Gly Thr Asn Tyr Ile Gln Lys Phe
241 50 55 60
242 Lys Gly Lys Ala Ile Leu Thr Ala Asp Thr Ser Ser Ser Thr Ala Tyr
243 65 70 75 80
244 Met Gln Ile Ser Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Phe Cys
245 85 90 95
246 Thr Arg Ser Pro Ser His Tyr Ser Ser Asp Pro Tyr Phe Asp Tyr Trp
247 100 105 110
248 Gly Gln Gly Thr Thr Leu Thr Val Ser Ser
249 115 120
252 <210> SEQ ID NO: 20
253 <211> LENGTH: 324
254 <212> TYPE: DNA
255 <213> ORGANISM: Shigella dysenteriae
257 <400> SEQUENCE: 20
258 gatatcgtga tgtccagtc tcacaaattc atgtccacat cagtcggaga cagggtcagc 60
259 atcacctgta aggccagcca ggatgtgggt actgctgttg cctgggtatca gcagaatcca 120

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260 ggacaatctc ctaaatttct gatttactgg gcatccacac ggcacactgg agtccctgat 180
 261 cgcttcacag gcagtggatc tgggacagat ttactctca ccattaccaa tgtgcagtct 240
 262 gaagacttgg cagattatct ctgtcagcaa tatagcagtt atcctctcac gttcgggtgct 300
 263 gggaccagtc tggagctgaa acgt 324

265 <210> SEQ ID NO: 21

266 <211> LENGTH: 108

267 <212> TYPE: PRT

268 <213> ORGANISM: Shigella dysenteriae

270 <400> SEQUENCE: 21

271 Asp Ile Val Met Ser Gln Ser His Lys Phe Met Ser Thr Ser Val Gly

272 1 5 10 15

273 Asp Arg Val Ser Ile Thr Cys Lys Ala Ser Gln Asp Val Gly Thr Ala

274 20 25 30

275 Val Ala Trp Tyr Gln Gln Asn Pro Gly Gln Ser Pro Lys Phe Leu Ile

276 35 40 45

277 Tyr Trp Ala Ser Thr Arg His Thr Gly Val Pro Asp Arg Phe Thr Gly

278 50 55 60

279 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Thr Asn Val Gln Ser

280 65 70 75 80

281 Glu Asp Leu Ala Asp Tyr Phe Cys Gln Gln Tyr Ser Ser Tyr Pro Leu

282 85 90 95

283 Thr Phe Gly Ala Gly Thr Ser Leu Glu Leu Lys Arg

284 100 105

287 <210> SEQ ID NO: 22

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293 <223> OTHER INFORMATION: Synthetic Oligonucleotide

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298 <210> SEQ ID NO: 23

299 <211> LENGTH: 45

300 <212> TYPE: DNA

301 <213> ORGANISM: Artificial Sequence

303 <220> FEATURE:

304 <223> OTHER INFORMATION: Synthetic Oligonucleotide

306 <400> SEQUENCE: 23

307 atttcaggcc cagccggcca tggccgargt ycarctkcar caryc 45

309 <210> SEQ ID NO: 24

310 <211> LENGTH: 45

311 <212> TYPE: DNA

312 <213> ORGANISM: Artificial Sequence

314 <220> FEATURE:

315 <223> OTHER INFORMATION: Synthetic Oligonucleotide

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320 <210> SEQ ID NO: 25

321 <211> LENGTH: 45

VERIFICATION SUMMARY

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